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Subject: Resolution 737 (WRC-2000)

Reference: Doc. 1-6-8-9/39 (Report of the November 2001 meeting)

Chairman, Joint Task Group 1-6-8-9

SUMMARIZATION OF THE INPUT CONTRIBUTIONS AND DRAFT WORK PLAN FOR THE MAY 2002 MEETING

JTG 1-6-8-9 has received several reply liaison statements from the contributing groups for WRC-03 agenda item 1.21 on Terrestrial Wireless Interactive Multimedia (TWIM) systems.

This document summarizes their responses and provides a basis for the work at the May 2002 meeting

1 Response to the first liaison statement (Doc.1-6-8-9/TEMP/10)*

At the previous November 2001 meeting, JTG 1-6-8-9 sent to all the relevant groups a liaison statement (Doc. 1-6-8-9/TEMP/10) containing the preliminary draft CPM text, report on the possible trends in TWIM systems, and terminology and description of concepts. This liaison has presented following specific issues;

- 1) Review of preliminary draft CPM text,
- 2) Terminology and description of concepts in particular requesting suitable definitions for certain terms,
- 3) Typical technical characteristics of example systems in relation to parameters given in Table 1 in section 3.2.2 of the CPM text,
- 4) Review of the report on future trends in the Attachment 2,
- 5) Any other issues for future studies.

(1) Review of the preliminary draft CPM text (Doc. 1-6-8-9/39, Attachment 2)

Comments or proposed modifications are presented in the following documents;

Documents 1-6-8-9/38 (WP 1B), 1-6-8-9/41(Rev.1) + Corr.1 (WP 8F), 1-6-8-9/43 (WPs 6E and 6M), 1-6-8-9/44 (JRG 8A-9B and WP 9B), 1-6-8-9/45 (WP 4A) and 1-6-8-9/48 (WP 8A).

Drafting work for the draft CPM text should be based on these inputs (see Annex 1).

* See Doc. 1-6-8-9/39, Attachment 5

(2) Terminology and description of concepts (Doc. 1-6-8-9/39, Attachment 4)

Concerning the working-description of the scope of TWIM systems, there is general agreement in the reply liaisons except for a small change proposed by Doc. 1-6-8-9/43.

Although Documents 1-6-8-9/41 (Rev.1) and 1-6-8-9/43 have made some additional proposals on terminology, there are no direct answers to the definitions of “host-to-host communications”, “unicasting”, “narrowcasting” and “multicasting”. It should be considered whether we need these definitions in the final version of the draft CPM text.

(3) Typical technical characteristics of example systems

In relation to parameters given in Table 1, section 3.2.2 of the draft CPM text, the following documents have provided additional information:

Documents 1-6-8-9/41(Rev.1) + Corr.1, 1-6-8-9/43, 1-6-8-9/44, and 1-6-8-9/48.

(4) Review of the report on future trends (Doc. 1-6-8-9/39, Attachment 2)

The documents 1-6-8-9/41(Rev.1) and 1-6-8-9/44 have updated the report in Attachment 2, which is to be incorporated in section 3.4 of the draft CPM text after JTG’s consideration at this meeting.

The Doc. 1-6-8-9/43 has proposed a separate text for section 3.4.

(5) Any other issues for future studies

The documents 1-6-8-9/41(Rev.1) + Corr.1 has provided draft CPM text on the WRC-03 agenda item 1.22 for information.

2 Response to the second liaison statement (Doc. 1-6-8-9/TEMP/9)**

JTG 1-6-8-9 sent another liaison statement (Doc. 1-6-8-9/TEMP/10) addressing particular questions concerning three input documents submitted to the November 2001 meeting, i.e.

Documents 1-6-8-9/24, 1-6-8-9/25 and 1-6-8-9/35.

There was no substantial response that would affect the draft CPM text elements, therefore it seems that no action is needed for these documents.

3 Guideline for the work on the draft CPM text

Annex 1 gives summarization of the inputs from the contributing groups concerning the draft CPM text.

4 Work plan for the May 2002 meeting

Annex 2 gives a draft work plan for the May 2002 meeting.

** See Doc. 1-6-8-9/39, Attachment 5.

ANNEX 1

Summarization of the input contributions on the draft CPM text for Chapter 7.1

Draft CPM text structure for Chapter 7.1

1 WRC agenda item 1.21

2 Summary of technical and operational studies

2.1 Terms related to the studies

The text may be updated based on the proposals given in Documents 1-6-8-9/41 (Rev.1) and 1-6-8-9/43. Also Document 1-6-8-9/38 has suggested to review the terms in section 2 and send further information to the contact person of JTG 1-6-8-9.

The terms listed here may be limited to those mentioned in other parts of this Chapter 7.1.

2.2 Summary of technical studies

2.3 Summary of operational studies

Texts are currently TBD for these two sub-sections. Since there is no specific proposal in the reply liaisons, the JTG is requested to provide them by summarizing the texts in sections 3.1-3.4. Noting that there has been limited studies on the operational aspect, the sub-sections may be combined into one, i.e. "Summary of technical and operational studies".

3 Analysis of the results of studies

3.1 Scope of terrestrial wireless interactive multimedia systems

This portion is important. The text should be carefully reviewed based on the proposals given in documents 1-6-8-9/41 (Rev.1), 1-6-8-9/43 and 1-6-8-9/44.

3.2 General characteristics (technical and operational), various applications and technologies

3.2.1 Technical and operational characteristics

There are some proposed changes in Doc. 1-6-8-9/43.

3.2.2 Applications and technologies

Example of applications and parameters in Table 1 should be reviewed based on Documents 1-6-8-9/41 (Rev.1), 1-6-8-9/43, 1-6-8-9/44 and 1-6-8-9/48.

3.3 Current situation of spectrum use and sharing scenarios

3.3.1 Current use and future trends for spectrum

For this section, different proposals are made in Documents 1-6-8-9/41 (Rev.1), 1-6-8-9/43 and 1-6-8-9/44. Discussion is required to reach a final text.

3.3.2 Band sharing scenarios with other users

There are some proposed changes in Documents 1-6-8-9/41(Rev.1) and 1-6-8-9/44.

3.4 Trends in the next 5-10 years

At the previous meeting, a report on possible trends in the next 5-10 years was developed. This report has been attached to the liaison statement to the contributing groups to invite their comments.

Before incorporating the entire text of the report in section 3.4, it should be further reviewed taking into account the proposed texts given in Documents 1-6-8-9/41(Rev.1), 1-6-8-9/43 and 1-6-8-9/44.

3.5 Future studies in ITU-R

Document 1-6-8-9/44 has provided this new section. The proposed text may be considered in conjunction with those in sections 4 and 5, since it is mostly based on the current texts in these sections.

Comment made by Document 1-6-8-9/45 (WP 4A), if agreed, might be reflected in this section.

4 Methods to satisfy the agenda item for consideration by the WRC

Document 1-6-8-9/38 (WP 1B) has recommended that no changes be made at WRC-03 with respect to Service definitions. This view has been concurred by other contributing groups and thereby it should be reflected in the draft CPM text in an appropriate section.

Documents 1-6-8-9/43 and 1-6-8-9/44 have proposed major revisions in this section.

The former states that no regulatory action is required as the possible method to satisfy the agenda item.

The latter provides, in addition to further exploration issues in the original text, another alternative to conclude this agenda item on the basis of no regulatory impediments in the current Regulations.

5 Regulatory and procedural considerations

The following diversified views be carefully considered;

Document 1-6-8-9/41(Rev.1) has proposed only editorial changes,

Document 1-6-8-9/43 has proposed to remove some paragraphs,

Document 1-6-8-9/44 has proposed to transfer some paragraphs to another section, i.e. new section 3.5 (Future studies in ITU-R).

BR secretariat has recommended that the total pages basically be equal to or less than 12 for each agenda item.

ANNEX 2

Draft work plan for the May 2002 meeting

- 1 Establishment of drafting group at the first Plenary
 - 2 First step drafting work
 - CPM text; Section 2 (2.1-2.3) and Section 3 (3.1-3.4)
 - 3 Interim summarization at the second Plenary as required.
 - 4 Second step drafting work
 - CPM text; Section 4 and Section 5
 - Liaison statement to other groups, if necessary.
 - 5 Consideration and approval of outputs at the third Plenary
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